## What I claim as my invention is:

1.	A circuit f	or balancing	g cell voltages	in a multiple	e-cell battery	. comprising:
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means for comparing voltage at a junction of a first cell and a second cell with a reference voltage and generating a comparison signal in response to a difference between said junction voltage and said reference voltage; and

a first current generator connected across said first cell and a second current generator connected across said second cell, said current generators being normally in an off state, wherein only one of said first and second current generators is turned on at a time in response to said comparison signal.

- 2. A circuit in accordance with claim 1 wherein said reference voltage is provided by a voltage divider connected across said first and second cells.
- 3. A circuit in accordance with claim 1 wherein said comparison means comprises a differential amplifer.
- 4. A circuit in accordance with claim 1 wherein said first and second current generators each comprise a transistor and a resistor in series with a collector thereof, said transistor being responsive to said comparison signal applied to a base thereof to function as a switch.
- 5. A circuit in accordance with claim 4 wherein said transistors are opposite polarity so as to allow only one transistor to conduct, depending on the polarity of said comparison signal.
  - 6. A circuit for balancing cell voltages in a multiple-cell battery, comprising:
- a voltage divider coupled across a series-connection of a first cell and a second cell;

a differential amplifier having a first input coupled to a midpoint of said voltage divider, and a second input coupled to a junction of said first and second cells, said differential amplifier generating a comparison signal upon detection of an unbalanced condition of said first and second cells; and

first and second current generators coupled respectively across said first and second cells, said first and second current generators each having a control element coupled to the output of said differential amplifier,

wherein one of said first and second current generators is turned on responsive to said comparison signal.

- 7. A circuit in accordance with claim 6 wherein said first and second current generators include first and second transistors.
  - 8. A circuit in accordance with claim 7 wherein said first and second transistors each have a base, a collector, and an emitter, wherein the bases of said first and second transistors are coupled together to an output of said differential amplifier, said collectors are connected to respective current-setting resistors, and said emitters of said first and second transistors are coupled together to said junction of said first and second cells.
- 9. A circuit in accordance with claim claim 7 wherein said first and second transistors are opposite polarity.
- 10. A circuit in accordance with claim 6 wherein said differential amplifier may be enabled only during a battery charge cycle.